

TABLE OF CONTENTS

PREFACE/6

EXECUTIVE SUMMARY/7

1. INTRODUCTION/13

ORGANIZATION AND CHARGE/13

NIDCR RESEARCH TRAINING AND CAREER DEVELOPMENT EFFORTS/14

THE NIDR STRATEGIC PLAN/15

BACKGROUND READINGS/17

INVITED TESTIMONY/18

STRUCTURE OF THE BLUE RIBBON PANEL REPORT/18

2. SCIENTIFIC OPPORTUNITIES AND INVESTIGATOR COMPETENCIES/19

THE CHALLENGE/19

QUESTION 1: SCIENTIFIC OPPORTUNITIES IN THE 21ST CENTURY/19

QUESTION 2: INVESTIGATOR COMPETENCIES/24

3. MEETING THE NEEDS OF THE 21ST CENTURY/29

BACKGROUND/29

THE NATIONAL INSTITUTES OF HEALTH/30

OTHER ORGANIZATIONAL PERSPECTIVES/31

THE MEYERHOFF SCHOLARSHIP PROGRAM/33

PERSPECTIVES FROM THE EXTRAMURAL RESEARCH COMMUNITY/34

4. A TIMELY PLAN/36

ENDORSEMENT OF THE 1997 NIDR STRATEGIC PLAN/36

EXPANSION AND DIVERSIFICATION OF NIDCR RESEARCH TRAINING AND CAREER DEVELOPMENT PROGRAMS/36

SIGNIFICANT RESEARCH OPPORTUNITIES IN THE 21ST CENTURY/37

CORE COMPETENCIES/37

AN IMPLEMENTATION PLAN/37

APPENDIXES

A: INVITED TESTIMONY/41

Richard Wyatt, National Institutes of Health/42

Bettie J. Graham, National Human Genome Research Institute/44

Clifton Poodry, National Institute of General Medical Sciences/48

W. Paul Jennings, National Science Foundation/50

Barbara Filner, Howard Hughes Medical Institute/52

Timothy Ready, Association of American Medical Colleges/54

Richard Valachovic, American Associate of Dental Schools/56

Eli Schwarz, American Association for Dental Research/58

Freeman A. Hrabowski, III, University of Maryland, Baltimore County/61

Sylvia A. Frazier-Bowers, University of North Carolina, Chapel Hill/65

Jeanne M. Nervina, University of Connecticut, Farmington/66

Peg Nopoulos, University of Iowa Hospital, Iowa City/68

Paul C. Dechow, Baylor College of Dentistry/71

Mark C. Herzberg, University of Minnesota/73

Freddie L. Jordan, The Ohio State University/75

Alan G. Lurie, University of Connecticut, Farmington/77

B: PROGRAM

C: MODEL FOR "TARGETS OF OPPORTUNITY"